

Saturation

Saturation Diving - Daily and Bell Run Oversight

BA-SAT-002

Purpose: Completed by the Client Representative on each day that saturation diving takes place, to verify that the day's saturation and bell handling barriers are in place.

Frequency: Each diving day | **Applies to:** Saturation | **Response set:** Yes / Partial / No / N/A, with a note and evidence against each item

Basis: publicly available industry guidance, principally IMCA and IOGP. This framework does not replace the diving contractor's safety management system, the client's own risk assessment, or applicable national legislation. | **Complete online at** barrierassurance.com

#	Question	Guidance and reference	Y / P / N / NA
1	Was the toolbox talk held before the bell run, covering the task, the risks and the emergency actions?	Repeat at shift changeover, and cover the communications protocol with the bell. Ref: IOGP 411; IOGP 431 (worksite representative)	
2	Are the metocean conditions and station keeping within the limits defined for bell operations?	Confirmed before each bell run, with three independent position references maintained. Ref: IMCA M103; IMCA M190	
3	Have the bell on-board gas supplies, battery power and through-water communications been checked before the run?	These are the barriers that keep the bell alive if the umbilical is lost. Check them, do not assume them. Ref: IMCA D024; IMCA D018	
4	Are the chamber atmosphere and life support parameters within limits and being logged?	Oxygen, carbon dioxide, temperature and humidity. Analysers in calibration. Ref: IMCA D024; IMCA D022 · IMCA D022; IMCA D024	
5	Is the diving permit issued, and is the Control of Work process capturing today's simultaneous operations?	Confirm no vessel maintenance is affecting the dynamic positioning system, cranes or mission equipment. Ref: IOGP 411; IOGP 431 (worksite representative) · IMCA D060; IMCA D024	
6	Are operations around the bell umbilical and above the bell prohibited and being controlled?	No lifts, vessel movements or vehicle operations across the umbilical or above the bell. Ref: IMCA D024; IMCA D018 · IMCA D060; IMCA D024	
7	Is the emergency recovery capability available and ready for this run?	Secondary recovery rigged, and the second bell or an identified secondary recovery vessel available and notified. Ref: IMCA D024 (DESIGN, saturation) · IMCA D024; IMCA D052	
8	Is the diver and bell monitoring in place and working - communications, video and position?	Continuous monitoring of divers in the water and of the bell. Ref: IMCA D024; IMCA D018 · IMCA D024; IMCA R006 (ROV audit)	
9	Is the saturation control team fully manned with the watch and fatigue arrangements being followed?	Life support technicians and supervisors on watch as planned, with no single point of control unsupervised. Ref: IOGP 411; IOGP 431 (worksite representative)	
10	Are the hyperbaric evacuation arrangements available and unobstructed today?	Rescue craft launch route clear, the plan on the vessel, and the people on shift briefed. Ref: IMCA D052 (hyperbaric evacuation); IOGP 478; IMCA D053, D063	